

Faculty of Mechanical and Power Engineering
Field of study: Mechanical Engineering and Machine Building
Full-time study - II stage
specialization: **Refrigeration and Cryogenics** , for admission 2017/2018

spr. MP 2017-05-15

didactic timetable 2017/2018

	JZL100709 Foreign Language (cont.) lev. B2+/C1+ 01000				1				
28	MSN0342	Cryogenics Materials and Fluids	10000	1	MSN1535	Master Individual			
						Student Project			
26	MSN0341					00040		5	
		Cryogenics							
24		21200 E				JZL100710 Foreign Language (next language)			
		(2+1+2)		5					
22	MSN1051	Air-condition Systems	10000	1		03000		2	
	MSN0831	Heat Pumps				ZSN100500BK MANAGEMENT COURSE (eligible)		1	
20		10010	(1+1)	2	MSN0035	Applied Superconductivity	10000	1	
	MSN0183	Refrigerants and Coolants	10000	1	MSN0245	Intro. to Num. Flow Phenomena Anal.	00100	1	
18	MSN0161				MSN0343	Cryogenic Systems	10000	1	
					MSN1151	Gas and Cryogenic Technologies			
16		Compressor Refrigeration Systems				20020			
							(2+2)	4	MSN1612
14		22200 E							Master Thesis
				(2+2+2)	6	MSN0121	Absorption Refrigeration		
12	MSN1225	Thermodyn. Fundament.of Refrigeration, Cryogenics and Low Temperature Physics				21010 E			
10		20001	(2+1)	3			(2+1+1)	4	
	MSN0531				MSN1041	Cooling Systems and Refrigeration Plants			HSN100500BK HUMANITIES COURSE (eligible) 10000
8		Mechatronics and Control Systems				10020	(1+2)	3	2
		20200 E							MSN1561 Master Seminar
6				(3+2)	5	MSN1493	Integrated Production Systems		00002
	MSN1362					20100	(2+1)	3	MSN0034
4		Modern Engineering Materials							Failure Analysis of Machine and Devices
		10101	(1+1+1)	3	MSN0614	Modelling and Optimisation			20100
							(2+3)	5	(2+1)
2	MSN0463	Mechanics Analytical							ZMZ0135 Marketing and Management
		20000		2					20000
									3
		sem. 1		30		sem. 2		30	sem. 3
									30

Code	Subject/Module	ECTS total
	MANAGEMENT COURSE (eligible)	
	ZMZ1569 Business Modeling (10000)	1
	ZMZ1570 Process Management (10000)	1
	Contact hours/week (L T lab P S)	(ECTS)

E - form of assessment - Exam

00000 - L,T,lab,P,S,
e.g. 20000 means two hours of lecture per week

L - Lecture; T - Tutorials; lab -Laboratory; P - Project; S - Seminar